OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for MC202309

Gamt (NM_010255) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gamt (NM_010255) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gamt
Synonyms:	AA571402; Spintz1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC049233 sequence for NM_010255 GGCCCCGCGGCTCCGCAGCCCTGCGCTCCCGGCCTGGTTTGCACAGCCTCACCATGAGCTCTTCTGCAGC TAGCCCGCTCTTCGCGCCCGGCGAGGACTGCGGCCCCGCGTGGCGCGCGGCCCCCGCGGCCTATGACGCG TCTGACACGCACCTGCAAATCCTGGGCAAGCCAGTGATGGAGCGTTGGGAGACCCCCTATATGCATGCGC TAGCGGCGGCTGCTGCCTCCAGAGGGGGCCGGGTCTTGGAAGTGGGCTTCGGTATGGCCATTGCAGCCTC CAGGGTGCAACAGGCCCCCATAGAGGAACACTGGATTATTGAGTGCAATGATGGGGTCTTCCAGCGTCTA CAAGACTGGGCCCTGCGGCAGCCACATAAGGTTGTTCCCTTGAAAGGCCTGTGGGAGGAGGTGGCACCTA CCCTGCCTGACGGTCACTTTGATGGGATTCTATATGACACGTACCCGCTGTCTGAAGAGGCCTGGCACAC TCACCAGTTCAACTTTATTAAGAATCATGCCTTCCGCTTGCTGAAGACCGGGGGCGTCCTCACCTACTGC AACCTCACGTCCTGGGGGGAGCTCATGAAGTCCAAATACACAGACATCACCACCATGTTTGAGGAGACGC AGGTGCCTGCACTGCAGGAAGCTGGCTTCCTGAAAGAAAACATCTGCACAGAGGTGATGGCACTGGTGCC CCCAGCCGACTGCCGCTACTATGCCTTCCCTCAGATGATCACACCCCTGGTCACCAAGCACTGAGCAGCC GGCCCAGGTCTACAAGGAGCCTGTGTCCTCCTCAGTACCTTTGTGGCTGGATTGTGGGCTCCAGCCTCTC CACTGTCCCTCAGTGTGACATCCTAACCTCTGCCTGGCACTGCCATCTTCCCAGAGCTCAGGAGTAAAAT AAATGCTAACAAGAAAAAAAAAAAAAA
Restriction Sites:	RsrII-NotI
ACCN:	NM_010255
Insert Size:	711 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

View online »

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2023 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	BC049233, AAH49233
RefSeq Size:	938 bp
RefSeq ORF:	711 bp
Locus ID:	14431
UniProt ID:	O35969
Cytogenetics:	10 39.72 cM
Gene Summary:	Converts guanidinoacetate to creatine, using S-adenosylmethionine as the methyl donor. Important in nervous system development.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the shorter transcript and encodes the shorter isoform (1).

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2023 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US